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Docket No.: DU-002-01
Serial No.: 10/790,410

Daniel F. Nabin

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Akbar HUSSAINI, et al. : Confirmation No.: 1458
Serial No.: 10/790,410 : Group Art Unit.: 3752
Filing Date: March 1, 2004 : Examiner: K.A. Sanders
For: APPLICATOR HEAD FOR APPLYING
FLUID MATERIAL TO SUBSTRATE

DECLARATION UNDER 37 CFR 1.132

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I, Akbar Syed Hussaini, do hereby declare as follows:

1. I am a joint inventor of the subject matter described and claimed in the above-identified patent application.

2. I hold degrees in Bachelor of Science Chemical Engineering and Master of Science Chemical Engineering from the Wayne State University, and have been employed with EFTEC, a subsidiary of H.B. Fuller Company, for 16 years. I have been developing sound damping materials for the last 10 years.

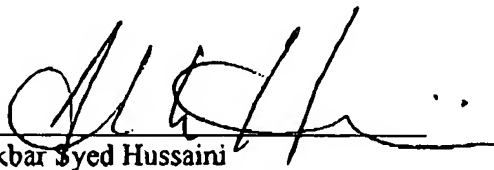
3. In the above identified patent application, specific pre-baked sound-damping formulations were prepared using a low density hollow glass bead, and in particularly

formulations, a glass bead sold in the year 2002 by 3M Company under the brand name "Scotchlite Bubbles VS5500".

4. Attached is a Product Specifications page from 3M Company for Scotchlite™ Glass Bubbles VS Series. I know that this brochure was available to the public on or before March 1, 2004, the filing date of the above application, as evidenced by the facsimile receipt stamp of 10/21/96 at the top of the page. The page states that the VS5500 glass beads have an isostatic crush strength of at least 5500 psi. I understand this to mean that these glass beads in a liquid composition are designed to withstand crushing under a pressure of up to 5500 psi.

I further declare that all statements made of my knowledge are true and that all statements made on information and belief are believed to be true; further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC 1001 and may jeopardize the validity of the application or any patent issuing thereon.

1/27/06
Date


Akbar Syed Hussaini

18 USC 1001: *"Whoever in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both."*

Scotchlite™ Glass Bubbles VS Series

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Product Specifications

This specification covers hollow, unicellular glass microspheres, hereafter referred to as Glass Bubbles. Glass Bubbles are composed of a water resistant and chemically stable soda-lime-borosilicate glass.

Requirements:

A representative sample of Glass Bubbles will conform to the following requirements:

A. Color and Appearance

Glass Bubbles will appear uniformly white to the unaided eye.

B. Isostatic Crush Strength:

Product	Test Pressure psi	Typical % Survival	Minimum % Survival
VS37	3,000	90%	80%
VS38	4,000	90%	80%
VS46	4,000	90%	80%
VS5500	5,500	90%	80%

Test Method: 3M TM-2028

C. Density:

Product	Typical	True Density (g/cc)	
		Minimum	Maximum
VS37	0.37	0.34	0.40
VS38	0.38	0.35	0.41
VS46	0.46	0.43	0.49
VS5500	0.38	0.35	0.41

Test Method: ASTM D2840*

* Sampling - In order to obtain representative samples of Glass Bubbles for density measurement via ASTM D2840, use 3M's vacuum sampling procedure or equivalent to avoid breakage. 3M certified density values are obtained with continuous in-line sampling equipment which does not cause product breakage.